

Teodor Tomic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6444279/publications.pdf>

Version: 2024-02-01

13
papers

1,041
citations

1684188

5
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Fully Autonomous UAV: Research Platform for Indoor and Outdoor Urban Search and Rescue. IEEE Robotics and Automation Magazine, 2012, 19, 46-56.	2.0	627
2	Stereo vision based indoor/outdoor navigation for flying robots. , 2013, , .		105
3	Autonomous Visionâ€based Micro Air Vehicle for Indoor and Outdoor Navigation. Journal of Field Robotics, 2014, 31, 537-570.	6.0	94
4	External Wrench Estimation, Collision Detection, and Reflex Reaction for Flying Robots. IEEE Transactions on Robotics, 2017, 33, 1467-1482.	10.3	76
5	A unified framework for external wrench estimation, interaction control and collision reflexes for flying robots. , 2014, , .		37
6	Simultaneous estimation of aerodynamic and contact forces in flying robots: Applications to metric wind estimation and collision detection. , 2015, , .		21
7	Evaluation of acceleration-based disturbance observation for multicopter control. , 2014, , .		20
8	Learning quadrotor maneuvers from optimal control and generalizing in real-time. , 2014, , .		17
9	Simultaneous contact and aerodynamic force estimation (s-CAFE) for aerial robots. International Journal of Robotics Research, 2020, 39, 688-728.	8.5	17
10	The flying anemometer: Unified estimation of wind velocity from aerodynamic power and wrenches. , 2016, , .		12
11	ARDEAâ€An MAV with skills for future planetary missions. Journal of Field Robotics, 2020, 37, 515-551.	6.0	11
12	Towards Interaction, Disturbance and Fault Aware Flying Robot Swarms. Springer Proceedings in Advanced Robotics, 2020, , 183-198.	1.3	3
13	Feeling the True Force in Haptic Telepresence for Flying Robots. , 2020, , .		1